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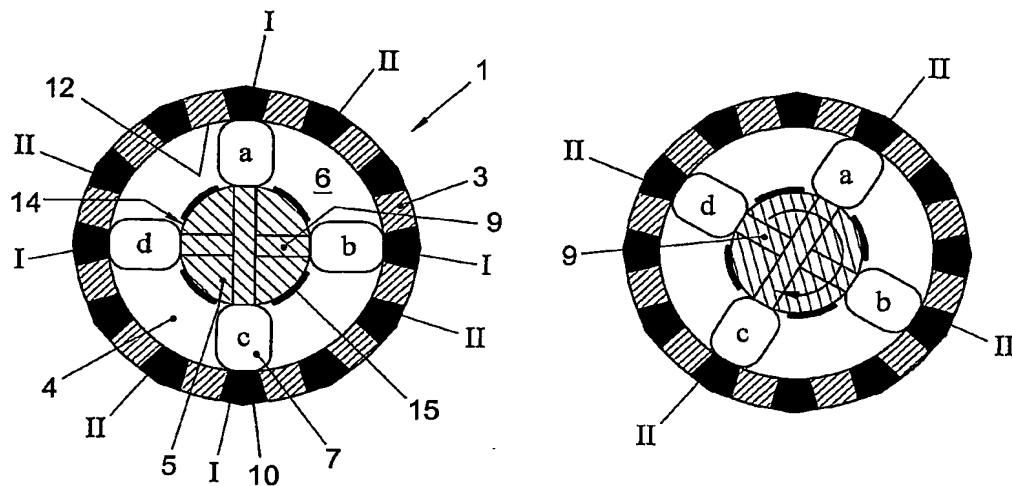
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(54) Title: MINIATURE MOTOR FOR OPTICAL DEVICE BASED ON ELECTOWETTING



(57) Abstract: Motor, comprising a first body (3) and second body (5), the latter being movably mounted with respect to the first body. A chamber (4), sandwiched between surfaces of said bodies, is filled with a non-polar and/or non-conductive first fluid (6) and at least one volume of a polar and/or conductive second fluid (7), which fluids are immiscible. One of said surfaces is provided with means (10) for locally varying the wettability of said surface by the second fluid, to move the or each volume of second fluid along a desired path. The other surface is provided with means (9, 14, 15) for coupling the or each volume of second fluid to this surface, so that this surface will be dragged along by the moving volume or volumes. This results in a relative movement between both surfaces and hence in a movement of the second body.

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